a) a backing film; and

b) an adhesive composition coated on said backing film, wherein the adhesive composition comprises a copolymer of at least two different α-olefins having 2 to 12 carbon atoms and at least one further comonomer, said further comonomer being a diene, said adhesive composition not containing 75 mol-% or more of any single α-olefin, and the copolymer having a Mooney viscosity ML (1+4) 125°C of less than 50.--

B1 Cont'd

--21. The self-adhesive protective film according to claim 20, wherein the diene is present in the adhesive composition in a proportion of between 0.5 and 10% by weight based on the total weight of the adhesive composition.--

--22. The self-adhesive protective film according to claim 20, which exhibits a UV permeability in the range from 290 to 360 nm of less than 1%.--

--23. The self-adhesive protective film according to claim 20, wherein the copolymer has a Mooney viscosity ML (1+4) 125°C of less than 30.--

--24. The self-adhesive protective film according to claim 20, wherein the adhesive composition is cross-linked.--

--25. The self-adhesive protective film according to claim 20, wherein the copolymer comprises polar comonomers, and the proportion of said polar comonomers in the copolymer is less than 20 mol%.--

--26. The self-adhesive protective film according to claim 20, which comprises at least one light stabilizer.--

--27. The self-adhesive protective film according to claim 26, wherein said at least one stabilizer is selected from the HALS class of light stabilizers.--

--28. The self-adhesive protective film according to claim 20, wherein the copolymer comprises no more than 65 mol% of any α-olefin.--

--29. The self-adhesive protective film according to claim 20, which exhibits a bond strength on steel between 0.3 and 1.5 N/cm.--

--30. The self-adhesive protective film according to claim 20, wherein the

proportion of each α-olefin in the copolymer is between 5 and 60 mol-%.--

--31. The self-adhesive protective film according to claim 20, which exhibits a UV permeability in the range from 290 to 400 nm of below 0.1% and the backing film thereof comprises one or more light stabilizers in an amount of at least 0.15% by weight.--

--32. The self-adhesive protective film according to claim 20, which comprises an adhesion promoter between the backing film and the adhesive composition.--

--33. The self-adhesive protective film according to claim 32, wherein the adhesion promoter comprises at least one polymer which consists to the extent of at least 50 mol-% of one or more α-olefins.--

--34. The self-adhesive protective film according to claim 20, which exhibits a force at 10% extension which does not exceed 25 N/15 mm width either in the lengthwise or transverse direction.--

--35. The self-adhesive protective film according to claim 20, which comprises a backing film which comprises at least one propylene copolymer.--

--36. The self-adhesive protective film according to claim 20, which is formed by simultaneous coextrusion of the adhesive composition and the backing film.--

--37. A method for protecting the paint finish of a vehicle or for protecting a painted vehicle component against soiling and damage during assembly, transportation or storage, said method comprising applying to said vehicle or vehicle component a self-adhesive protective film according to claim 20, said self-adhesive protective film comprising:

a) a backing film; and

b) an adhesive composition coated on said backing film, wherein the adhesive composition comprises a copolymer of at least two different α-olefins having 2 to 12 carbon atoms and at least one further comonomer, said further comonomer being a diene, said adhesive composition not containing 75 mol-% or more of any single α-olefin, and the copolymer having a Mooney viscosity ML (1+4) 125°C of less than 50.--

--38. The method according to claim 37, which comprises applying the self-adhesive protective film to a curved surface on an exterior portion of said vehicle.--